



INFORMATION DISCLOSURE STATEMENT

Applicant : Phan et al.
App. No : 10/087,549
Filed : February 28, 2002
For : METHODS FOR DECREASING NON-SPECIFIC BINDING BEADS IN DUAL BEAD ASSAYS INCLUDING RELATED OPTICAL BIODISCS AND DISC DRIVE SYSTEMS
Examiner : Diana B. Johannsen
Art Unit : 1634

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

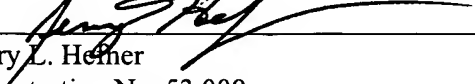
Dear Sir:

Enclosed is an Information Disclosure Statement by Applicant (PTO/SB/08 equivalent) listing 107 references that are of record in U.S. patent application No. 09/997,741, filed November 27, 2001, which is the parent of this Continuation-in-part application, and is relied upon for an earlier filing date under 35 U.S.C. § 120. Copies of the references are not submitted pursuant to 37 C.F.R. § 1.98(d).

This Information Disclosure Statement is being filed before the mailing date of a final action and before the mailing of a Notice of Allowance. This Statement is accompanied by the fees set forth in 37 C.F.R. § 1.17(p). The Commissioner is hereby authorized to charge any additional fees which may be required or to credit any overpayment to Account No. 11-1410.

Respectfully submitted,
KNOBBE, MARTENS, OLSON & BEAR, LLP

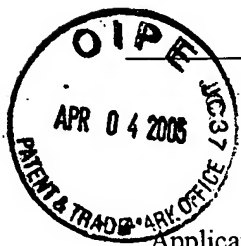
Dated: March 29, 2005

By: 
Jerry L. Heiner
Registration No. 53,009
Attorney of Record
Customer No. 20,995
(619) 235-8550

04/05/2005 YPOLITE1 00000016 10087549

01 FC:1806

180.00 OP

Please Direct All Correspondence to Customer Number **20995**

TRANSMITTAL LETTER
INFORMATION DISCLOSURE STATEMENT

Applicant : Phan et al.
App. No : 10/087,549
Filed : February 28, 2002
For : METHODS FOR DECREASING NON-SPECIFIC BINDING OF BEADS IN DUAL BEAD ASSAYS INCLUDING RELATED OPTICAL BIODISCS AND DISC DRIVE SYSTEMS
Examiner : Diana B. Johannsen
Art Unit : 1634

CERTIFICATE OF MAILING

I hereby certify that this correspondence and all marked attachments are being deposited with the United States Postal Service as first-class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on

March 29, 2005
(Date)

Jerry L. Heffner
Jerry L. Heffner, Reg. No. 53,009

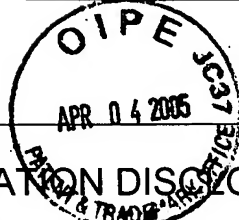
Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Enclosed for filing in the above-identified application are:

- (X) An Information Disclosure Statement and PTO/SB/08 equivalent listing references for consideration:
 - (X) Listing 107 references.
- (X) A check in the amount of \$180.00 to cover the above fee is enclosed.
- (X) The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Account No. 11-1410.
- (X) Return prepaid postcard.

Jerry L. Heffner
Jerry L. Heffner
Registration No. 53,009
Attorney of Record
Customer No. 20,995
(619) 235-8550



INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Application No.	10/087,549
	Filing Date	February 28, 2002
	First Named Inventor	Phan
	Art Unit	1634
(Multiple sheets used when necessary)	Examiner	Diana B. Johannsen
SHEET 1 OF 5	Attorney Docket No.	NAGACO.018CP1

U.S. PATENT DOCUMENTS

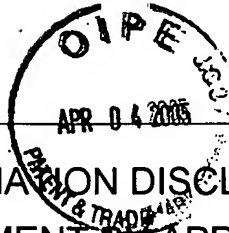
Examiner Initials	Cite No.	Document Number Number . Kind Code (if known) Example: 1,234,567 B1	Publication Date MM.DD.YYYY	Name of Patentee or Applicant	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
	1	3,654,090	04.04.1972	Wilhelmus et al.	
	2	3,791,932	02.12.1974	Schuurs et al.	
	3	3,791,932	02.12.1974	Schuurs et al.	
	4	3,817,837	06.18.1974	Rubenstein et al.	
	5	3,850,752	11.26.1974	Schuurs et al.	
	6	3,939,350	02.17.1976	Kronick et al.	
	7	3,979,509	09.07.1976	Giaever	
	8	4,104,029	08.01.1978	Maier, Jr.	
	9	4,115,535	09.19.1978	Giaever	
	10	4,347,311	08.31.1982	Schmitz	
	11	4,531,136	07.23.1985	Beaujean	
	12	4,542,102	09.17.1985	Dattagupta et al.	
	13	4,672,600	06.09.1987	Balston et al.	
	14	4,677,604	06.30.1987	Selby, III, et al.	
	15	4,722,906	02.02.1988	Guire	
	16	5,281,540	01.25.1994	Merkh et al.	
	17	5,310,523	05.10.1994	Smethers et al.	
	18	5,407,554	04.18.1995	Saurer	
	19	5,413,939	05.09.1995	Gustafson et al.	
	20	5,561,043	10.01.1996	Cantor et al.	
	21	5,598,393	01.28.1997	Alon et al.	
	22	5,627,643	05.06.1997	Birnbaum et al.	
	23	5,686,271	11.11.1997	Mian et al.	
	24	5,700,655	12.23.1997	Croteau et al.	
	25	5,710,006	01.20.1998	Kiaei et al.	
	26	5,755,942	05.26.1998	Zanzucchi et al.	
	27	5,858,804	01.12.1999	Zanzucchi et al.	
	28	5,882,903	03.16.1999	Andrevski et al.	
	29	5,892,577	04.06.1999	Gordon	

Examiner Signature

Date Considered

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

T¹ - Place a check mark in this area when an English language Translation is attached.



INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Application No.	10/087,549
	Filing Date	February 28, 2002
	First Named Inventor	Phan
	Art Unit	1634
(Multiple sheets used when necessary)	Examiner	Diana B. Johannsen
SHEET 2 OF 5	Attorney Docket No.	NAGACO.018CP1

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No.	Document Number Number . Kind Code (if known) Example: 1,234,567 B1	Publication Date MM.DD.YYYY	Name of Patentee or Applicant	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
	30	5,900,481	05.04.1999	Lough et al.	
	31	5,935,780	08.10.1999	Naser	
	32	5,993,655	11.30.1999	Sugiura	
	33	5,994,150	11.30.1999	Challener et al.	
	34	6,013,513	01.11.2000	Reber et al.	
	35	6,030,581	02.29.2000	Virtanen	
	36	6,110,748	08.29.2000	Reber et al.	
	37	6,117,630	09.12.2000	Reber et al.	
	38	6,121,048	09.19.2000	Zaffaroni et al.	
	39	6,169,714	01.02.2001	Tanaka et al.	
	40	6,190,748	02.20.2001	Xavier et al.	
	41	6,200,755	03.13.2001	Virtanen	
	42	6,231,812	05.15.2001	Rothberg et al.	
	43	6,277,653	08.21.2001	Challener et al.	
	44	6,287,517	09.11.2001	Ackley et al.	
	45	6,294,326	09.25.2001	Carrino et al.	
	46	6,327,031	12.04.2001	Gordon	
	47	6,339,473	01.15.2002	Gordon	
	48	6,342,349	01.29.2002	Virtanen	
	49	6,342,395	01.29.2002	Hammock et al.	
	50	4,748,606	05.31.1988	Naito et al.	
	51	4,843,604	06.27.1989	Fujiwara et al.	
	52	4,985,881	01.15.1991	Saito et al.	
	53	5,168,057	12.01.1992	Oh et al.	
	54	5,329,503	07.12.1994	Ohmori et al.	
	55	5,922,617	07.13.1999	Wang et al.	

Examiner Signature	Date Considered
*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

T¹ - Place a check mark in this area when an English language Translation is attached.



INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Application No.	10/087,549
	Filing Date	February 28, 2002
	First Named Inventor	Phan
	Art Unit	1634
(Multiple sheets used when necessary)	Examiner	Diana B. Johannsen
SHEET 3 OF 5	Attorney Docket No.	NAGACO.018CP1

U.S. PATENT DOCUMENTS

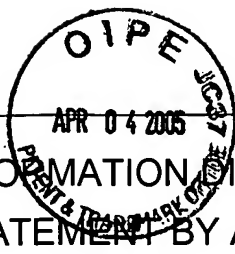
Examiner Initials	Cite No.	Document Number Number . Kind Code (if known) Example: 1,234,567 B1	Publication Date MM.DD.YYYY	Name of Patentee or Applicant	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
	56	5,981,180	11.09.1999	Chandler et al.	
	57	6,212,136	04.03.2001	Maeda et al.	
	58	6,348,388	07.06.2004	Worthington	
	59	6,506,564	01.14.2003	Mirkin et al	
	60	6,760,298	07.06.2004	Worthington et al.	
	61	2001/0055812	12.27.2001	Mian et al.	
	62	2002/0047003	04.25.2002	Bedingham et al.	
	63	2002/0076354	06.20.2002	Cohen	
	64	2002/0098528	07.25.2002	Gordon et al.	
	65	2002/0137059	09.26.2002	Wu et al.	
	66	2002/0137218	09.26.2002	Mian et al.	
	67	2002/0172980	11.21.2002	Phan et al.	
	68	2002/0187501	12.12.2002	Huang et al.	
	69	20020122364	09.05.2002	Worthington	
	70	20020176342	11.28.2002	Worthington et al.	
	71	20020163642	11.07.2002	Zoval et al.	
	72	20020145960	10.10.2002	Worthington et al.	
	73	20020071359	06.13.2002	Worthington	
	74	20020071362	06.13.2002	Worthington	
	75	20020076353	06.20.2002	Lehmann	
	76	20020168663	11.14.2002	Phan et al.	
	77	20020168652	11.14.2002	Werner	
	78	20020118355	08.29.2002	Worthington	
	79	20030003464	01.02.2003	Phan et al.	
	80	20030054376	03.20.2003	Mullis et al.	
	81	20030104486	06.05.2003	Selvan	
	82	20030082568	05.01.2003	Phan et al.	
	83	20030133840	07.17.2003	Coombs et al.	

Examiner Signature

Date Considered

***Examiner:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

T¹ - Place a check mark in this area when an English language Translation is attached.



INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Application No.	10/087,549
	Filing Date	February 28, 2002
	First Named Inventor	Phan
	Art Unit	1634
(Multiple sheets used when necessary)	Examiner	Diana B. Johannsen
SHEET 4 OF 5	Attorney Docket No.	NAGACO.018CP1

FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No.	Foreign Patent Document Country Code.Number.Kind Code Example: JP 1234567 A1	Publication Date MM.DD.YYYY	Country	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T ¹
	84	EP 0 504 431 A1	09.23.1992	EP		
	85	WO 94/29484	12.22.1994	PCT		
	86	WO 96/32841	10.24.1996	PCT		
	87	WO 00/05582	02.03.2000	PCT		
	88	WO 98/38510	09.03.1998	PCT		
	89	WO 02/42498 A2	05.30.2002	PCT		
	90	EP 0 702 728 B1	08.06.1994	EP		
	91	WO 98/01533	01.15.1998	PCT		
	92	WO 99/35499	07.15.1999	PCT		
	93	WO 00/26677	05.11.2000	PCT		

NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume.issue number(s), publisher, city and/or country where published.	T ¹
	94	Provisional Patent Application 60/270,095, filed February 20, 2001.	
	95	Provisional Patent Application 60/292,108, filed May 18, 2001.	
	96	Provisional Patent Application 60/278,694, filed March 26, 2001.	
	97	Provisional Patent Application 60/272,485, filed March 1, 2001.	
	98	Provisional Patent Application 60/278,691, filed March 26, 2001.	
	99	Provisional Patent Application 60/272,132, filed February 28, 2001.	
	100	Provisional Patent Application 60/275,006, filed March 12, 2001.	
	101	Provisional Patent Application 60/277,854, filed March 22, 2001.	
	102	Provisional Patent Application 60/278,685, filed March 26, 2001.	
	103	Provisional Patent Application 60/352,625, filed January 28, 2002.	

Examiner Signature

Date Considered

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

T¹ - Place a check mark in this area when an English language Translation is attached.



INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Application No.	10/087,549
	Filing Date	February 28, 2002
	First Named Inventor	Phan
	Art Unit	1634
(Multiple sheets used when necessary)	Examiner	Diana B. Johannsen
SHEET 5 OF 5	Attorney Docket No.	NAGACO.018CP1

NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume, issue number(s), publisher, city and/or country where published.	T ¹
	104	U.S. Patent Application 10/008,156, filed November 9, 2001 (Atty Docket No. NAGACO.004A).	
	105	US Patent Application 09/643,106, filed August 21, 2000 (Atty Docket No. NAGACO.068A).	
	106	US Patent Application 09/421,870, filed October 26, 1999 (Atty Docket No. NAGACO.12CPCP).	
	107	US Patent Application 09/378878, filed August 23, 1999 (Atty Docket No. NAGACO.046A).	

1521410_1/vea
032905

Examiner Signature

Date Considered

***Examiner:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

T¹ - Place a check mark in this area when an English language Translation is attached.